

## Basic Information

Product Name	Anti-DKK1 Antibody
Gene Name	DKK1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived human DKK1 recombinant protein (Position: T32-H266).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	38 kDa
Dilution Ratios	Western blot (WB):1:500-2000

## Storage

12 months from date of receipt, -20°C as supplied.

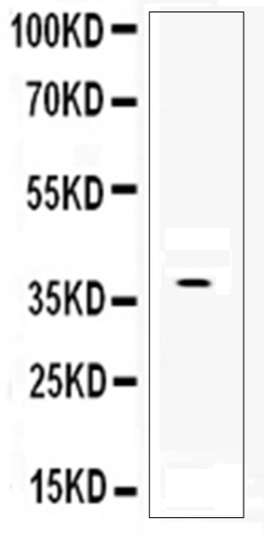
## Background Information

DKK1, Dickkopf-related protein 1, is a protein that in humans is encoded by the DKK1 gene. This gene encodes a protein that is a member of the dickkopf family. By genomic sequence analysis, determined that the DKK1 gene contains 4 exons. The DKK1 gene is mapped to 10q11.2 using FISH. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.

## Reference

Anti-DKK1 Antibody被引用在2文献中。

## Selected Validation Data



Western blot analysis of DKK1 using anti-DKK1 antibody (A00632).

Lane 1: recombinant human DKK1 protein 1ng.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-DKK1 antigen affinity purified polyclonal antibody (A00632) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for DKK1 at approximately 38 kDa.